Daquan Feng

List of Publications by Year
in descending order

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49	3,686	430874	330143
papers	citations	18 h-index	37 g-index

50	50	50	3410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid-Learning-Based Operational Visual Quality Inspection for Edge-Computing-Enabled IoT System. IEEE Internet of Things Journal, 2022, 9, 4958-4972.	8.7	7
2	Blockchain-Empowered Federated Learning Approach for an Intelligent and Reliable D2D Caching Scheme. IEEE Internet of Things Journal, 2022, 9, 7879-7890.	8.7	12
3	Proactive Content Caching Based on Actorâ€“Critic Reinforcement Learning for Mobile Edge Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1239-1252.	7.9	8
4	UAV-Aided Positioning Systems for Ground Devices: Fundamental Limits and Algorithms. IEEE Internet of Things Journal, 2022, 9, 13470-13485.	8.7	12
5	Joint Computation Offloading and Resource Allocation for D2D-Assisted Mobile Edge Computing. IEEE Transactions on Services Computing, 2022, , 1-14.	4.6	33
6	Blockchain-Based Secure Crowdsourcing in Wireless IoT. Journal of Communications and Information Networks, 2022, 7, 23-36.	5.2	3
7	Interference Geolocation in Satellite Communications Systems: An Overview. IEEE Vehicular Technology Magazine, 2021, 16, 66-74.	3.4	9
8	Joint Computation Offloading and Resource Allocation for MEC-Enabled IoT Systems With Imperfect CSI. IEEE Internet of Things Journal, 2021, 8, 3462-3475.	8.7	44
9	Ultra-reliable and low-latency communications: applications, opportunities and challenges. Science China Information Sciences, 2021, 64, 1.	4.3	32
10	CQI-Based Interference Detection and Resource Allocation With QoS Provision in LTE-U Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1421-1433.	6.3	6
11	Understanding Age of Information in Large-Scale Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3196-3210.	9.2	40
12	A Resoure Allocation Framework for Network Slicing with Multi-service Coexistence. , 2021, , .		1
13	Satellite-Based Radio Spectrum Monitoring: Architecture, Applications, and Challenges. IEEE Network, 2021, 35, 20-27.	6.9	8
14	Power-Spectrum Trading for Full-Duplex D2D Communications in Cellular Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 2016-2026.	5.5	5
15	Open-Loop Communications for Up-Link URLLC Under Clustered User Distribution. IEEE Transactions on Vehicular Technology, 2021, 70, 11509-11522.	6.3	5
16	Physical layer authentication under intelligent spoofing in wireless sensor networks. Signal Processing, 2020, 166, 107272.	3.7	14
17	Performance analysis and comparison of PoW, PoS and DAG based blockchains. Digital Communications and Networks, 2020, 6, 480-485.	5.0	150
18	Power allocation scheme based on support vector machine forDAS and CAS. Physical Communication, 2020, 38, 100941.	2.1	2

#	Article	IF	Citations
19	Interference Detection and Resource Allocation in LTE Unlicensed Systems. , 2020, , .		2
20	Video Caching and Transcoding in Wireless Cellular Networks With Mobile Edge Computing: A Robust Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 9234-9238.	6.3	13
21	Energy Efficiency Optimization for Distributed Antenna Systems With D2D Communications Under Channel Uncertainty. IEEE Transactions on Green Communications and Networking, 2020, 4, 1037-1047.	5.5	11
22	Kalman-Filter-Based Integration of IMU and UWB for High-Accuracy Indoor Positioning and Navigation. IEEE Internet of Things Journal, 2020, 7, 3133-3146.	8.7	164
23	Direct Acyclic Graph-Based Ledger for Internet of Things: Performance and Security Analysis. IEEE/ACM Transactions on Networking, 2020, 28, 1643-1656.	3.8	111
24	Optimal Time Allocation in Multi-Cell Wireless Powered Communication Networks. IEEE Access, 2019, 7, 26519-26526.	4.2	6
25	Toward Ultrareliable Low-Latency Communications: Typical Scenarios, Possible Solutions, and Open Issues. IEEE Vehicular Technology Magazine, 2019, 14, 94-102.	3.4	66
26	Energy Efficient Power Allocation Based on Machine Learning Generated Clusters for Distributed Antenna Systems. IEEE Access, 2019, 7, 59575-59584.	4.2	12
27	Computation Offloading for Mobile Edge Computing Enabled Vehicular Networks. IEEE Access, 2019, 7, 62624-62632.	4.2	68
28	Intelligent Offloading in Multi-Access Edge Computing: A State-of-the-Art Review and Framework. IEEE Communications Magazine, 2019, 57, 56-62.	6.1	211
29	Joint Time and Power Allocation in Multi-Cell Wireless Powered Communication Networks. IEEE Access, 2019, 7, 43555-43563.	4.2	10
30	Power-Spectrum Trading for Full-Duplex D2D Communications. , 2019, , .		2
31	Impact of Network Load on Direct Acyclic Graph Based Blockchain for Internet of Things. , 2019, , .		4
32	Energy Efficient V2X-Enabled Communications in Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 554-564.	6.3	35
33	Minimum Secrecy Throughput Maximization in Wireless Powered Secure Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 2571-2581.	6.3	10
34	V2X-Enabled Energy-Efficient Transmission in Cellular Networks. , 2018, , .		0
35	Energy-Efficient Beamforming and Time Allocation in Wireless Powered Communication Networks. , 2018, , .		0
36	Share in the Commons: Coexistence between LTE Unlicensed and Wi-Fi. IEEE Wireless Communications, 2016, 23, 16-23.	9.0	24

#	Article	IF	Citations
37	Energy-efficient mobile association in device-to-device-enabled heterogeneous networks. , 2016, , .		3
38	Energy-Efficient Mobile Association in Heterogeneous Networks With Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2016, 15, 5260-5271.	9.2	51
39	Energy Efficiency Tradeoff in Interference Channels. IEEE Access, 2016, 4, 4495-4508.	4.2	9
40	QoS-Aware Resource Allocation for Device-to-Device Communications With Channel Uncertainty. IEEE Transactions on Vehicular Technology, 2016, 65, 6051-6062.	6.3	47
41	Optimal Mobile Association in Device-to-Device-Enabled Heterogeneous Networks. , 2015, , .		9
42	Exploiting full duplex for device-to-device communications in heterogeneous networks. , 2015, 53, 146-152.		116
43	Mode Switching for Energy-Efficient Device-to-Device Communications in Cellular Networks. IEEE Transactions on Wireless Communications, 2015, 14, 6993-7003.	9.2	104
44	Joint Mode Selection and Resource Allocation for Device-to-Device Communications. IEEE Transactions on Communications, 2014, 62, 3814-3824.	7.8	258
45	Device-to-device communications in cellular networks. , 2014, 52, 49-55.		325
46	Device-to-Device Communications Underlaying Cellular Networks. IEEE Transactions on Communications, 2013, 61, 3541-3551.	7.8	809
47	A survey of energy-efficient wireless communications. IEEE Communications Surveys and Tutorials, 2013, 15, 167-178.	39.4	803
48	Optimal resource allocation for device-to-device communications in fading channels. , 2013, , .		10
49	User selection based on limited feedback in device-to-device communications. , 2013, , .		2